



ATTORNEY'S DOCKET NO.: S1022.80742US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tahir RASHID  
Serial No.: 09/944,637  
Filed: August 31, 2001  
For: OSCILLATOR

Examiner: Linh V. Nguyen  
Art Unit: 2819

Confirmation No.: 9234

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

Transmitted herewith for filing is/are the following document(s):

- ☒ Issue Fee Transmittal
- ☒ Letter to Examiner
- ☒ Copies of: Notice of Allowability, PAIR Printout and Return Post Card
- ☒ Request for Approval and Entry Of Formal Drawings
- ☒ 2 Sheets of Formal Drawing
- ☒ Return Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617)720-3500, Boston, Massachusetts.

A check in the amount of \$1,730.00 is enclosed to cover the \$1,400.00 issue fee, \$300.00 publication fee and \$30.00 for soft copies. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the 14<sup>th</sup> day of December, 2004

Attorney Docket No.: S1022.80742US00  
X12/14/04

Respectfully submitted,

*Tahir Rashid, Applicant*

By:

James H. Morris  
Reg. No.: 34,681  
WOLF, GREENFIELD & SACKS, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210  
Tel. (617) 646.8227



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LETTER TO EXAMINER

Sir/Madam:

Responsive to the Notice of Allowance mailed September 14, 2004 Applicant encloses herewith 2 sheets of formal drawings as required by the Patent Office.

COMMENTS

Applicant offers the following comments relative to the submission of the formal drawings.

Page 2 of the Notice of Allowance under the Drawings section the Examiner states "The drawings filed on August 31, 2001 are acceptable subject to correction of the informalities. Applicant is required to submit a formal drawing." On the Notice of Allowability, item 6 indicates that "Corrected Drawings (as "replacement sheets") must be submitted, including changes required by the attached Examiners Amendment/Comment or in the Office action of Paper No./Mail Date 08/26/04." (Copy enclosed) No such Action (dated August 26, 2004) was received by Applicant nor is it listed on the enclosed print-out of the Patent Application Information Retrieval (PAIR) from the Patent Office. Further, no specific changes or drawing corrections were requested by the Patent Office at any other time during prosecution.

Applicant respectfully points out that 2 sheets of formal drawings were mailed to the Patent Office in this application on November 6, 2001, and received by the Patent Office on

February 15, 2002, as evidenced by the enclosed copy of the date stamped, return post card. Accordingly, Applicant encloses herewith a copy of the earlier filed formal drawings.

Should any questions arise concerning the above, the Examiner is invited to call the Applicant's attorney at the number listed below.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the 14 th day of December, 2004

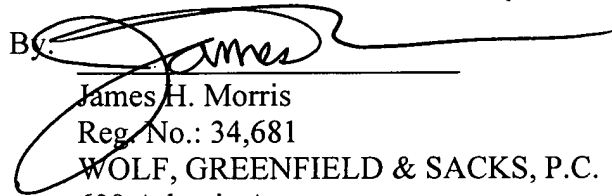


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*Tahir Rashid, Applicant*

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Art Unit: 2819

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Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR APPROVAL AND ENTRY OF FORMAL DRAWINGS**

Sir/Madam:

Subject to the approval of the Examiner in this case, enclosed for filing are 2 sheets of formal drawings, figures 1-3, for the above-referenced patent application.

The Commissioner is hereby authorized to charge any fees which may be required to Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the \_\_\_\_\_ th day of December, 2004

Attorney Docket No.: S1022.80742US00

Respectfully submitted,

*Tahir Rashid, Applicant*

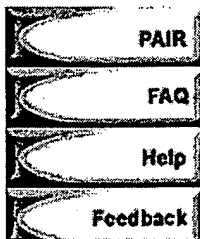
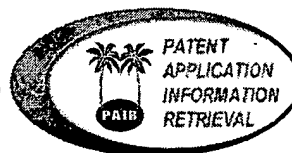
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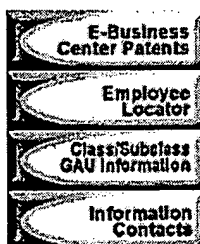
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## PATENT APPLICATION INFORMATION RETRIEVAL



## Other Links



Printer Friendly Version

Search results as of: 9-21-2004::11:56

Search results for application number:09/944,637			
Application Number:	09/944,637	Customer Number:	23628
Filing or 371(c) Date:	08-31-2001	Status:	Allowed -- Notice of Allowance Mailed -- Issue Revision Completed
Application Type:	Utility	Status Date:	09-13-2004
Examiner Name:	NGUYEN, LINH V	Location:	ELECTRONIC
Group Art Unit:	2819	Location Date:	-
Confirmation Number:	9234	Earliest Publication No:	US 2002-0075083 A1
Attorney Docket Number:	S1022/8742	Earliest Publication Date:	06-20-2002
Class/ Sub-Class:	331/111	Patent Number:	-
First Named Inventor:	Tahir Rashid, Kenton, (GB)	Issue Date of Patent:	-
Title Of Invention:	OSCILLATOR		

Select Search Option

☒ Assignments  
☐ Display References  
☐ Foreign Priority  
☐ Image File Wrapper  
☐ Patent Term Adjustment History  
☒ Publication Review

File History	
Date	Contents Description
09-14-2004	Mail Notice of Allowance
09-14-2004	Mail Formal Drawings Required
09-09-2004	Issue Revision Completed
09-07-2004	Formal Drawings Required
09-07-2004	Notice of Allowance Data Verification Completed
09-07-2004	Notice of Allowability
08-25-2004	Date Forwarded to Examiner
08-25-2004	Date Forwarded to Examiner
07-14-2004	Request for Continued Examination (RCE)
08-25-2004	Express Abandonment (for Entry of CPA / RCE / Rule129)
07-14-2004	Workflow - Request for RCE - Finish
07-14-2004	Workflow incoming amendment IFW

07-14-2004	Workflow - Request for RCE - Begin
05-03-2004	Receipt into Pubs
04-30-2004	Workflow - File Sent to Contractor
04-12-2004	Mail Notice of Allowance
04-03-2004	Issue Revision Completed
04-03-2004	Notice of Allowance Data Verification Completed
04-03-2004	Case Docketed to Examiner in GAU
04-02-2004	Notice of Allowability
03-30-2004	Date Forwarded to Examiner
03-24-2004	Request for Continued Examination (RCE)
03-30-2004	Express Abandonment (for Entry of CPA / RCE / Rule129)
03-24-2004	Request for Extension of Time - Granted
03-24-2004	Workflow incoming amendment IFW
03-24-2004	Workflow - Request for RCE - Begin
02-23-2004	Reference capture on IDS
02-25-2004	Mail Advisory Action (PTOL - 303)
02-21-2004	Advisory Action (PTOL-303)
02-05-2004	IFW Amended case processing Complete
02-05-2004	Date Forwarded to Examiner
01-26-2004	Amendment after Final Rejection
02-15-2002	Request for Foreign Priority (Priority Papers May Be Included)
02-15-2002	Information Disclosure Statement (IDS) Filed
10-21-2003	Mail Final Rejection (PTOL - 326)
10-16-2003	Final Rejection
08-26-2003	Date Forwarded to Examiner
08-07-2003	Response after Non-Final Action
08-07-2003	Request for Extension of Time - Granted
04-07-2003	Mail Non-Final Rejection
04-03-2003	Non-Final Rejection
11-01-2002	Information Disclosure Statement (IDS) Filed
10-17-2002	Case Docketed to Examiner in GAU
06-04-2002	Case Docketed to Examiner in GAU
05-28-2002	Case Docketed to Examiner in GAU
03-16-2002	Application Dispatched from OIPE
03-15-2002	Application Is Now Complete
02-15-2002	Payment of additional filing fee/Preexam
02-15-2002	A statement by one or more inventors satisfying the requirement under 35 U.S.C. 115, Oath of the Applicant
10-05-2001	Notice Mailed--Application Incomplete--Filing Date Assigned
10-04-2001	Correspondence Address Change
09-08-2001	IFW Scan & PACR Auto Security Review
08-31-2001	Initial Exam Team nn

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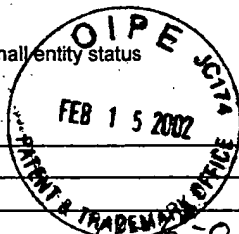
Serial No. 091044,637 File No. S1022/8742 By: JHM

Title: OSCILLATOR

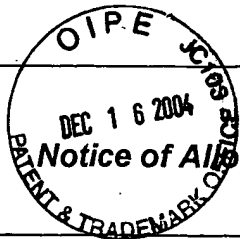
Application of TAHIR RASHID WGS Date: 12-5-01

The U.S. PTO Mail Room acknowledges receipt of the following on the date stamped hereon:

- |  |   |
|--|---|
| <input type="checkbox"/> Mailing by Express Mail (37 CFR 1.10)                     | <input type="checkbox"/> Provisional Application Cover Sheet                |
| Express Mail Label No. _____   | <input type="checkbox"/> Multiple Dependent Claim Fee Sheet                 |
| <input type="checkbox"/> Patent Application  | <input checked="" type="checkbox"/> Inf. Discl. Statement, PTO Form 1449    |
| <input type="checkbox"/> Non-provisional <input type="checkbox"/> Provisional      | <input checked="" type="checkbox"/> References Cited                        |
| Incl. _____ pages, ( _____ pgs) Specification,                                     | <input checked="" type="checkbox"/> Priority Document(s) # <u>0021541.8</u> |
| ( _____ pgs) Abstract, ( _____ pgs) Claims ( _____ # claims)                       | <input checked="" type="checkbox"/> Copy of Notice to File Missing Parts    |
| <input checked="" type="checkbox"/> Design Patent Application                      | <input type="checkbox"/> Amendment/Response                                 |
| <input checked="" type="checkbox"/> Declaration(s)                                 | <input type="checkbox"/> Petition for Ext. of Time (x2)                     |
| <input checked="" type="checkbox"/> Drawings <u>2</u> Sheet(s) (FIGS. <u>1-3</u> ) | <input type="checkbox"/> Issue Fee Transmittal                              |
| <input checked="" type="checkbox"/> Formal <input type="checkbox"/> Informal       | <input type="checkbox"/> Letter to Official Draftsperson                    |
| <input type="checkbox"/> Utility Patent Application Transmittal                    | <input type="checkbox"/> Notice of Appeal                                   |
| <input type="checkbox"/> Fee calculation sheet (x2)                                | <input checked="" type="checkbox"/> Brief (x3)                              |
| <input type="checkbox"/> CPA Transmittal   | <input checked="" type="checkbox"/> Check for \$ <u>880</u> Check # _____   |
| <input type="checkbox"/> Verified Statement claiming small entity status           | <input checked="" type="checkbox"/> Transmittal Letter (x2)                 |
| <input checked="" type="checkbox"/> Assignment and Cover Sheet                     | <input checked="" type="checkbox"/> Cert. of Mailing under 37 CFR 1.8(a)    |
| <input type="checkbox"/> Other _____   |   |



DATE MAILED 12-5-01



# Notice of Allowability

Application No.

09/944,637

Examiner

Linh V. Nguyen

Applicant(s)

RASHID, TAHIR

Art Unit

2819

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/14/04.
2. ☒ The allowed claim(s) is/are 1 - 10, 13 - 22, and 25 - 31.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 08/26/04.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

***Response to Amendment***

This office action is in response to applicant's RCE filed on 07/14/04. Claims 1, 2, 4, 5, 7, 10, 15, 17, 18, 20 and 27 have been amended. Claims 11, 12, 23 and 24 have been canceled. Claims 1 – 10, 13 – 22, and 25 – 31 are pending on this application.

***Drawings***

1. The drawings filed on 08/31/01 are acceptable subject to correction of the informalities. Applicant is required to submit a formal drawing.

***Allowable Subject Matter***

2. Claims 1 – 10, 13 – 22, and 25 – 31, are allowed.
3. The following is an examiner's statement of reasons for allowance:

With respect to independent claims 1, 10, and 27, in addition to other elements in the respective claim, the prior art does not teach an Oscillator circuitry having a threshold setting means comprising a series combination of at least one diode-connected transistor and a resistor, said threshold setting means setting the second predetermined voltage to compensate for changes in temperature so as to vary the voltage swing between said first predetermined threshold voltage and said second predetermined threshold voltage to maintain an oscillation frequency substantially independent of temperature.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should